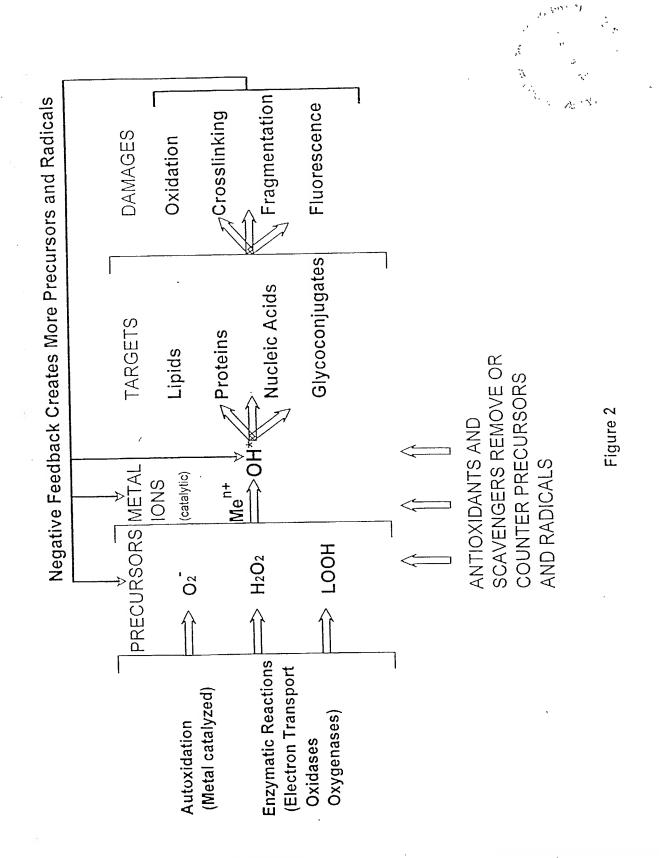


Figure 1





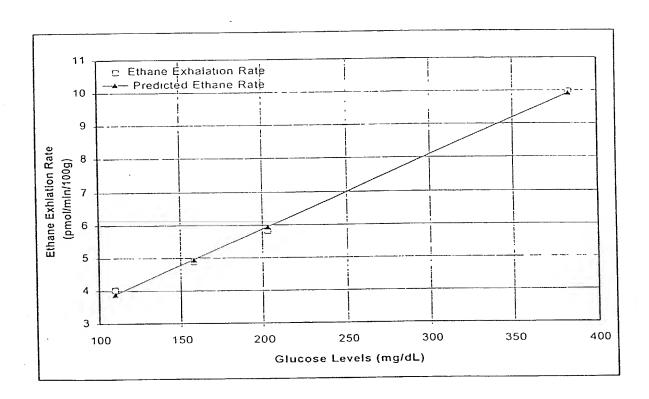


Figure 3

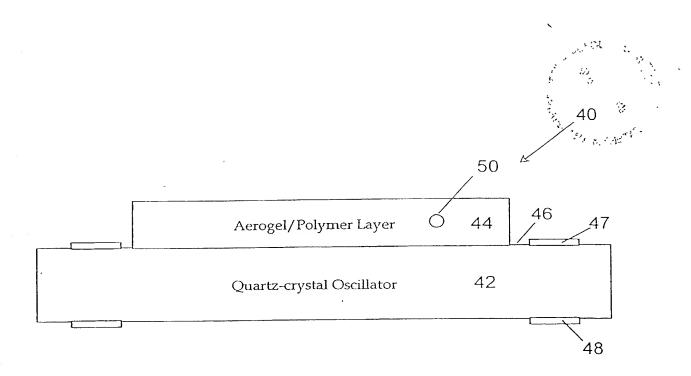


Figure 4

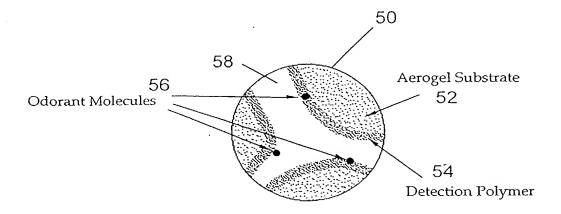


Figure 5



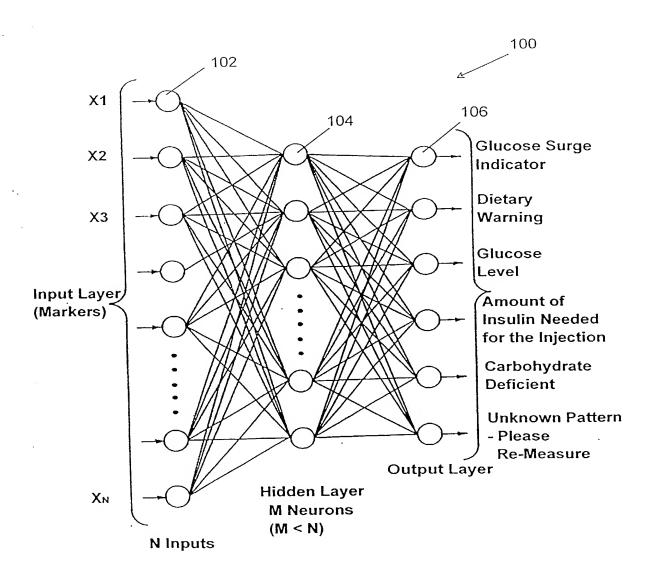
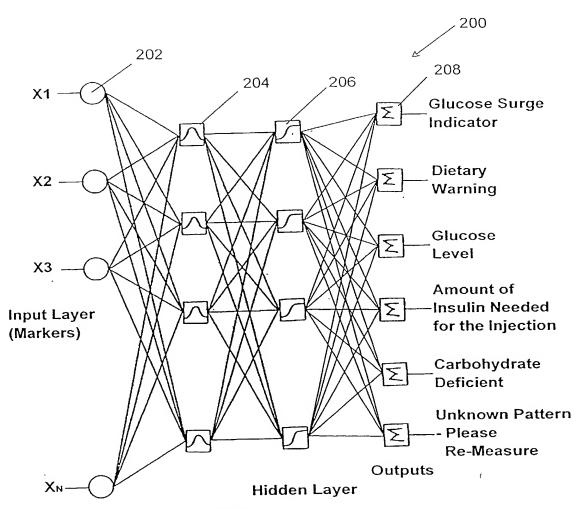


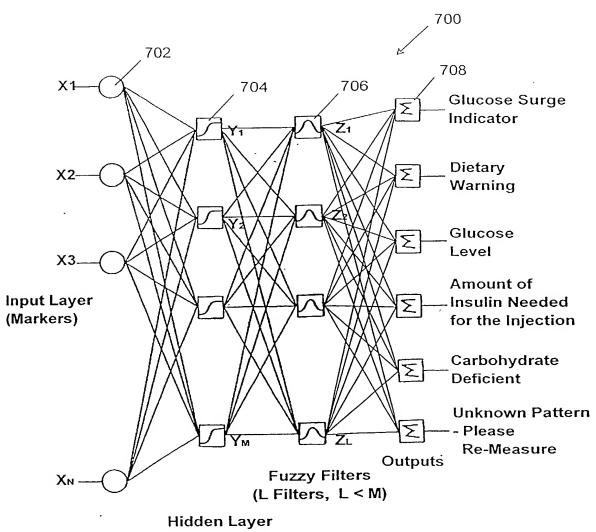
Figure 6



Fuzzy Filters

N Inputs

Figure 7

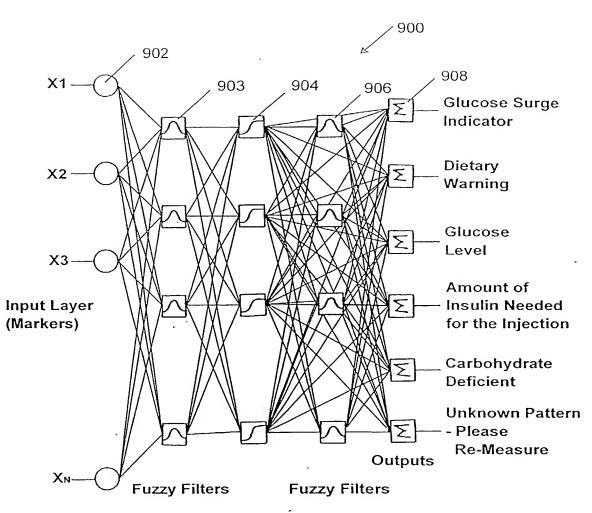


(M Neurons)

N Inputs

Figure 8





Hidden Layer

N Inputs

Figure 9

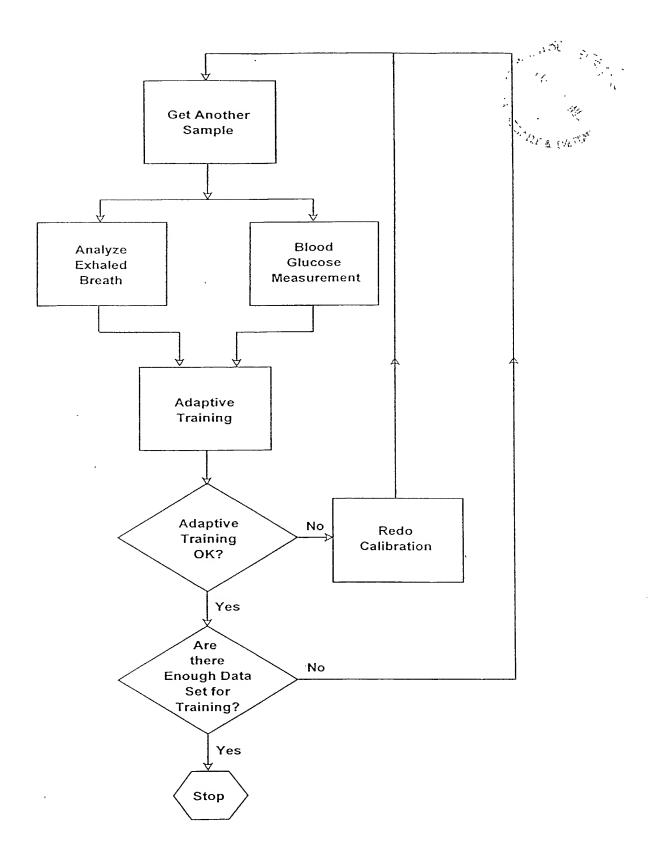
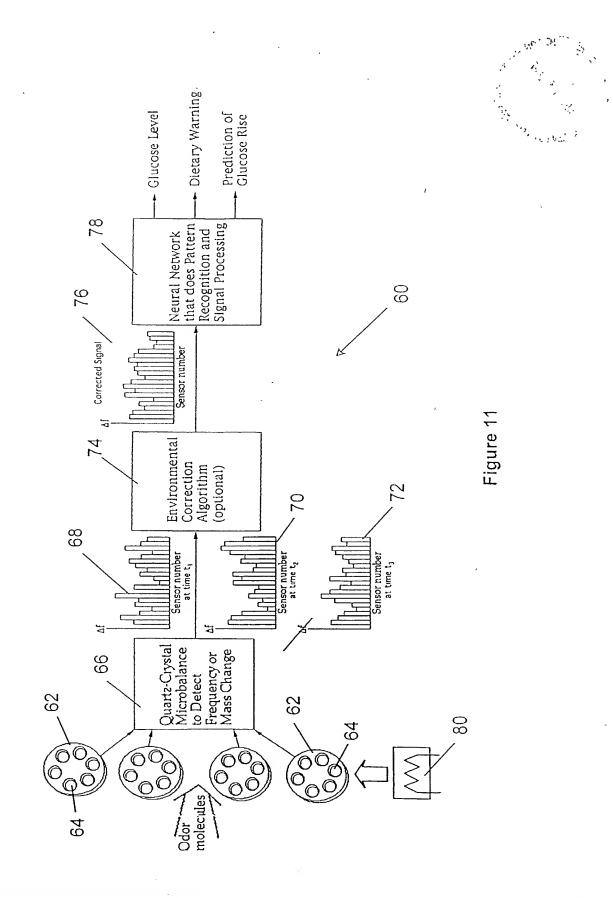


Figure 10



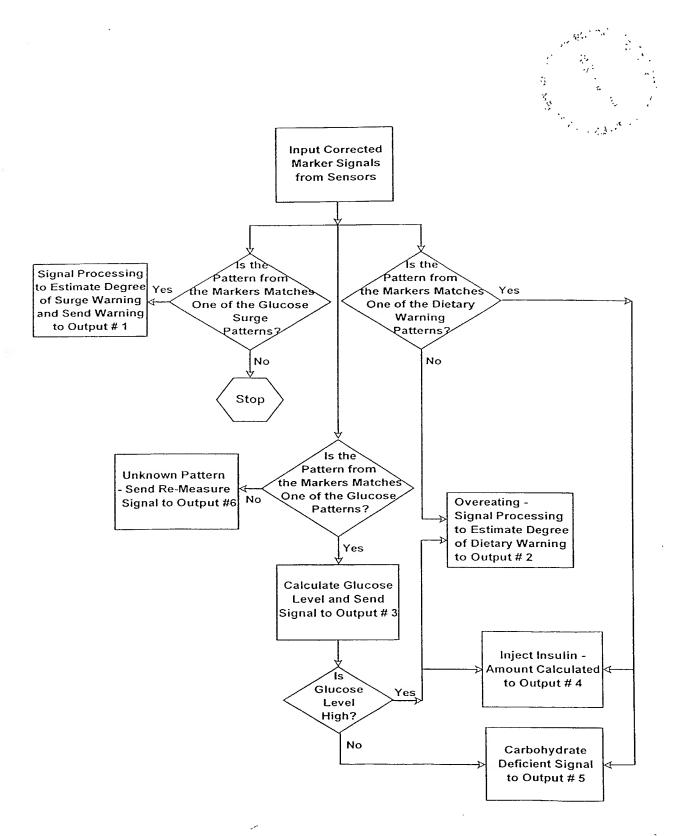


Figure 12

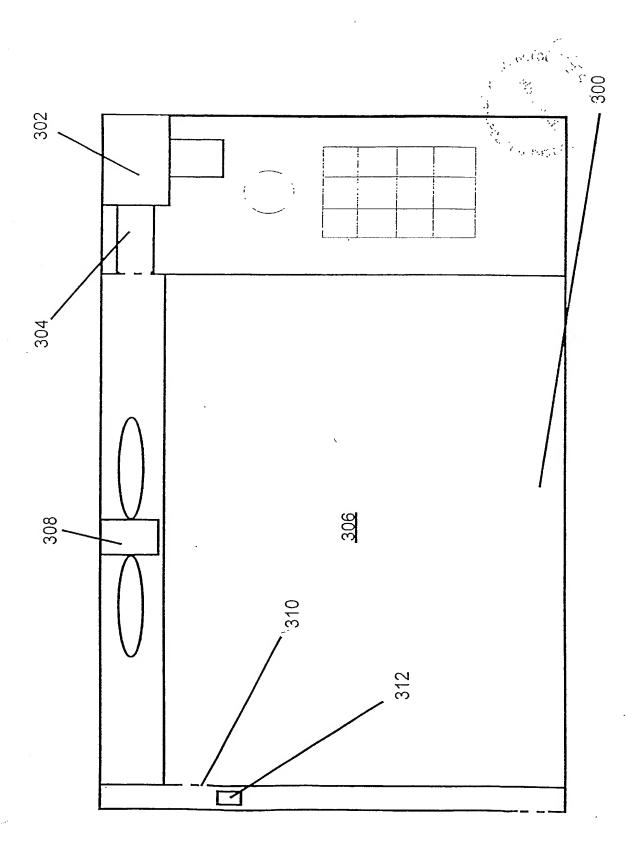


Figure 13